This Page Is Inserted by IFW Operations and is not a part of the Official Record

BEST AVAILABLE IMAGES

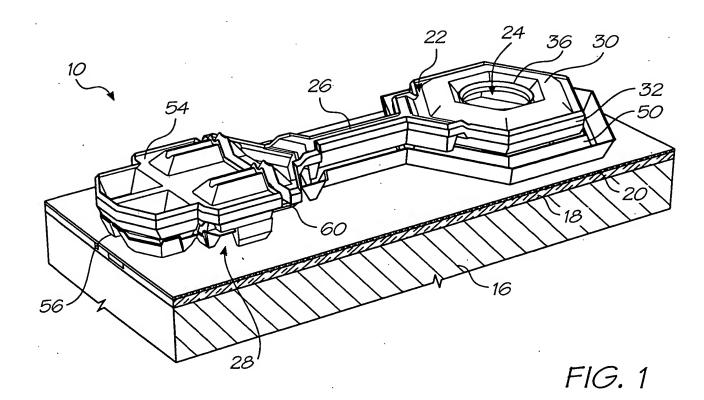
Defective images within this document are accurate representations of the original documents submitted by the applicant.

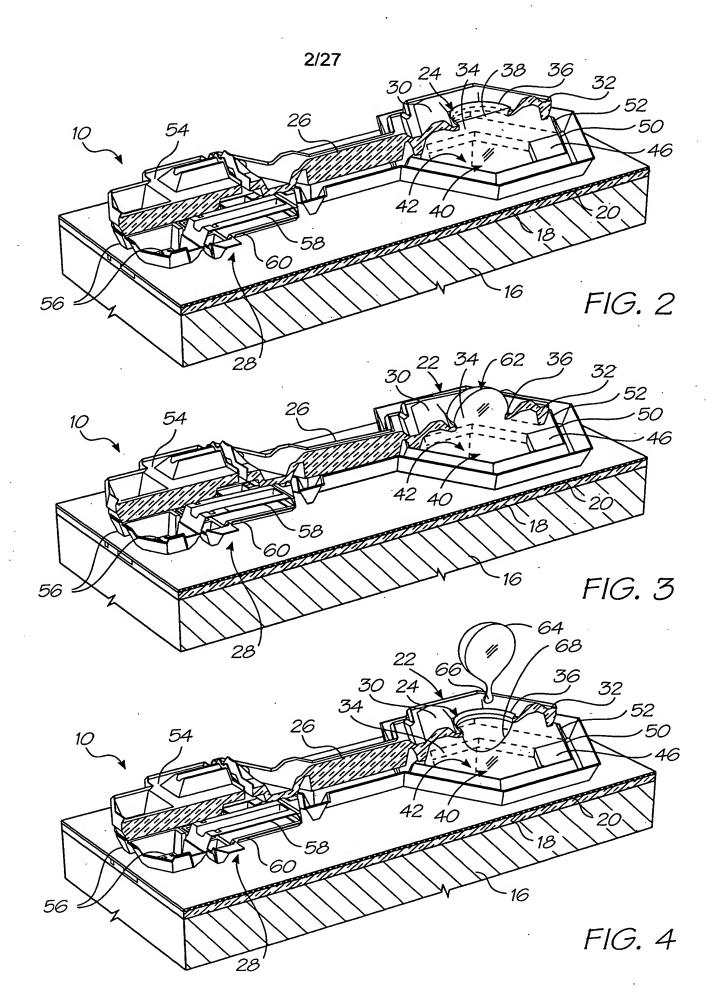
Defects in the images may include (but are not limited to):

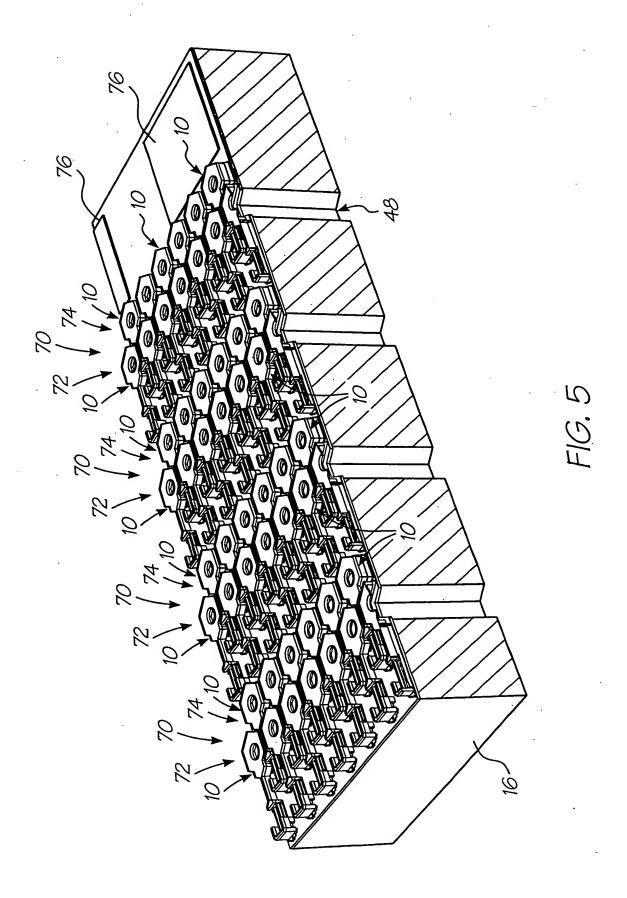
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

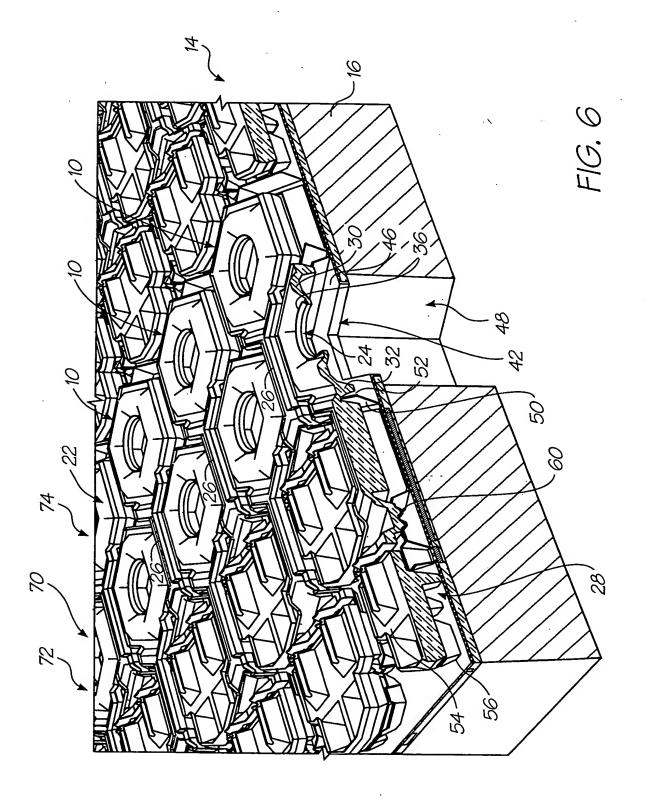
IMAGES ARE BEST AVAILABLE COPY.

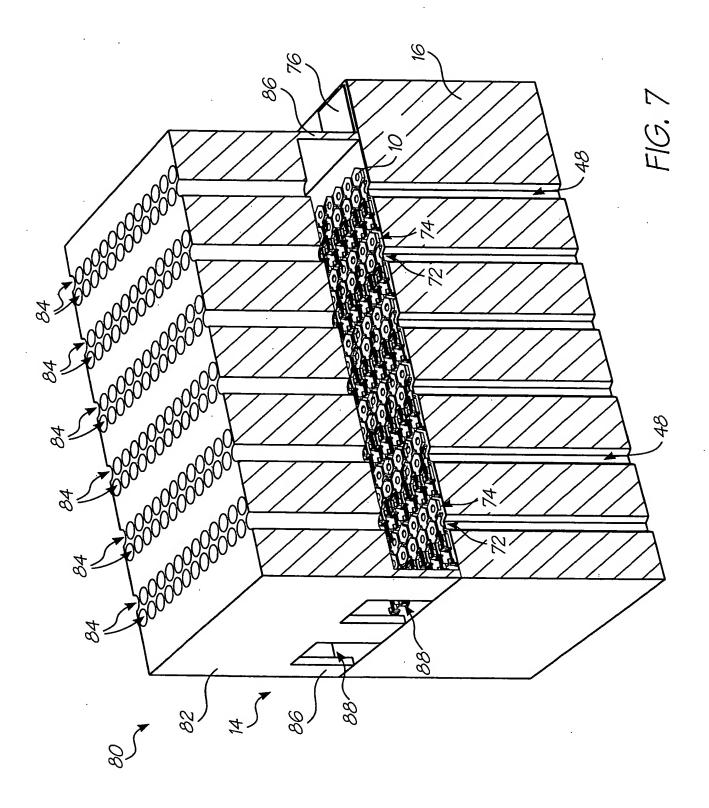
As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

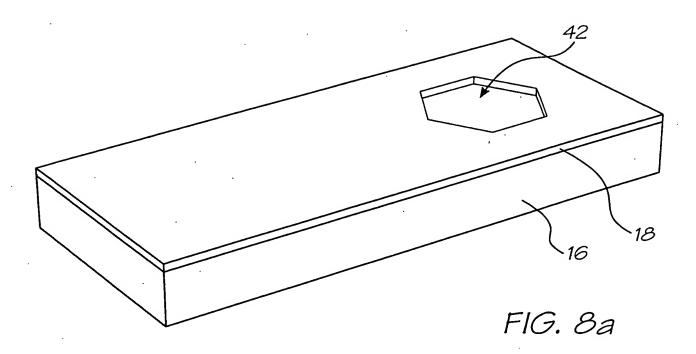


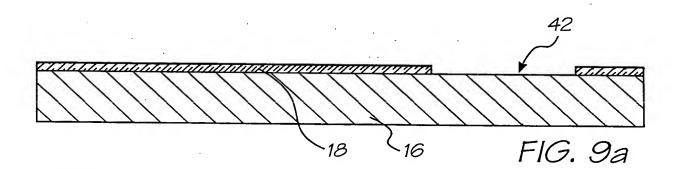












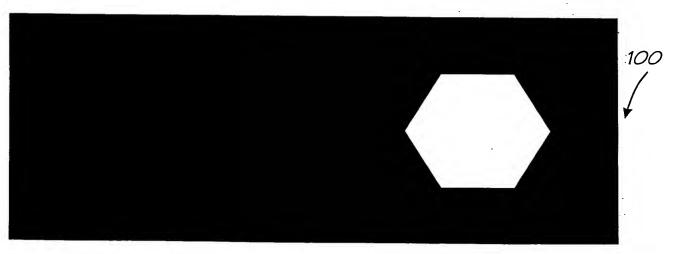
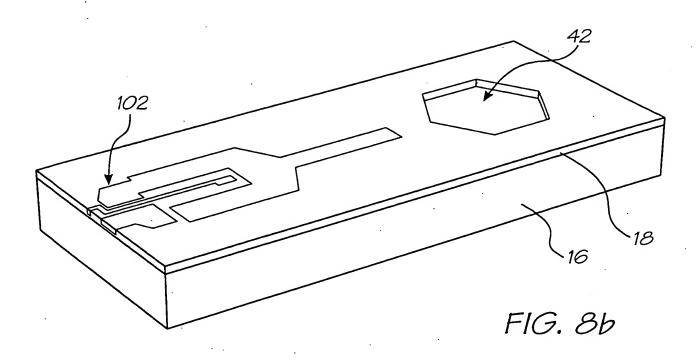
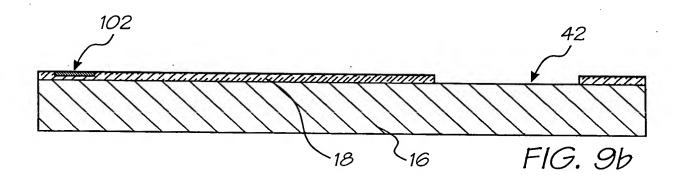


FIG. 10a





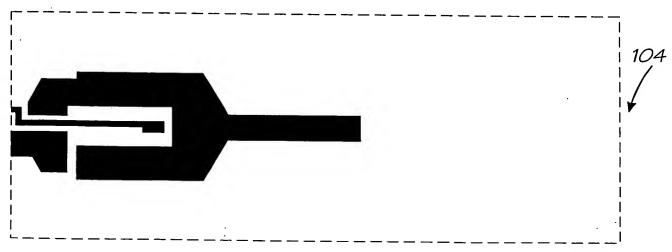
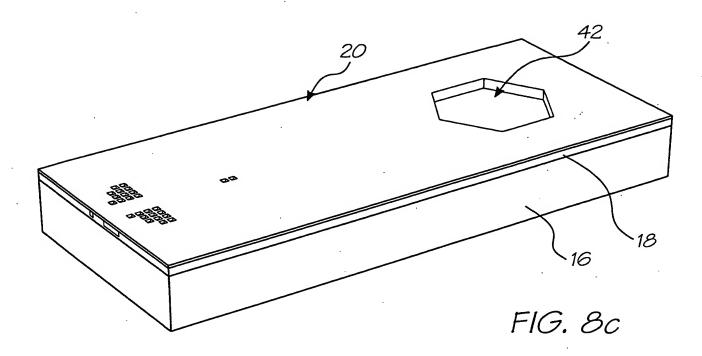
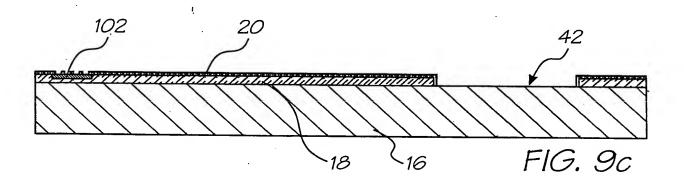


FIG. 10b





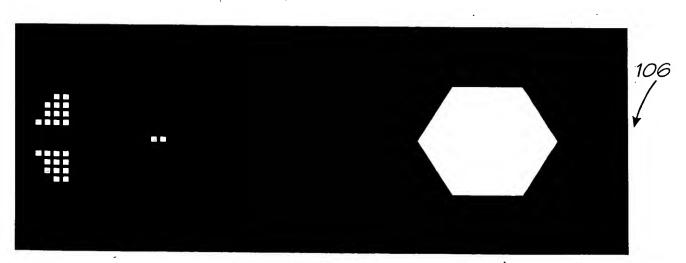
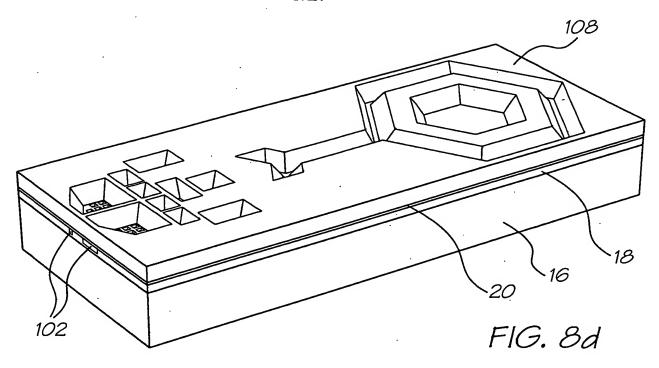
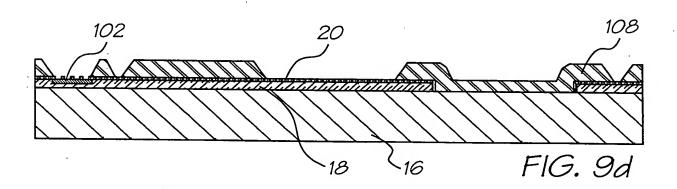


FIG. 10c





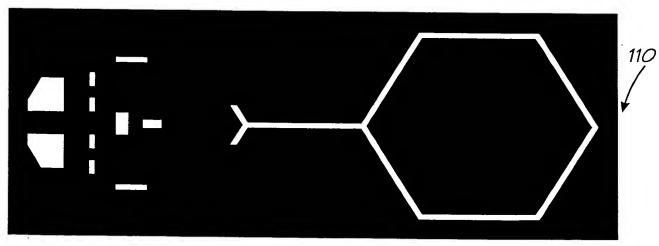
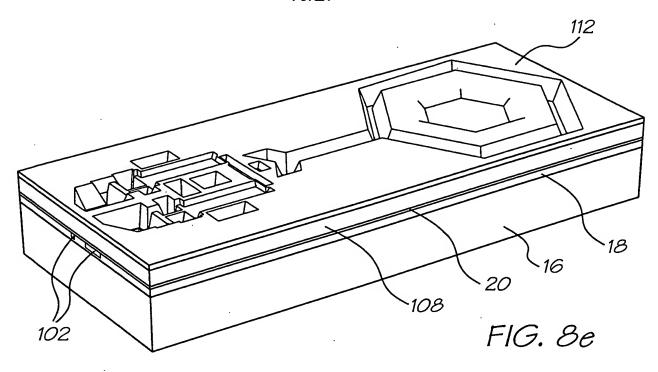
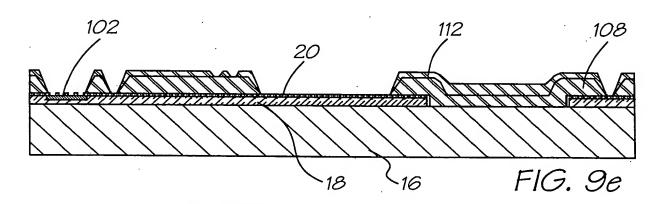


FIG. 10d





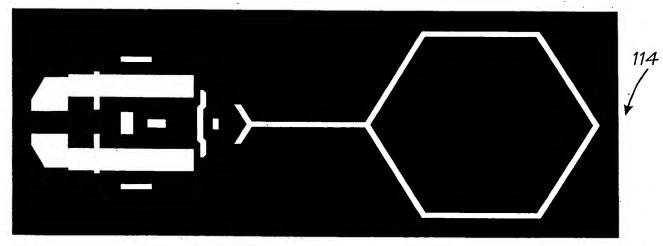
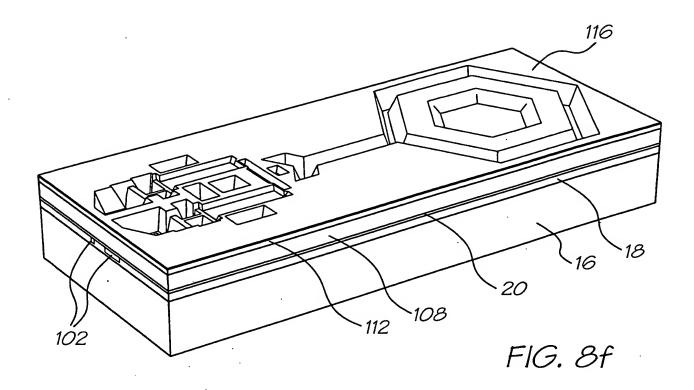
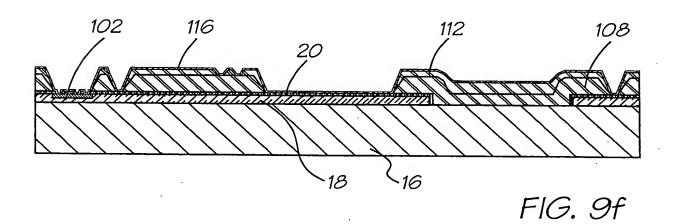
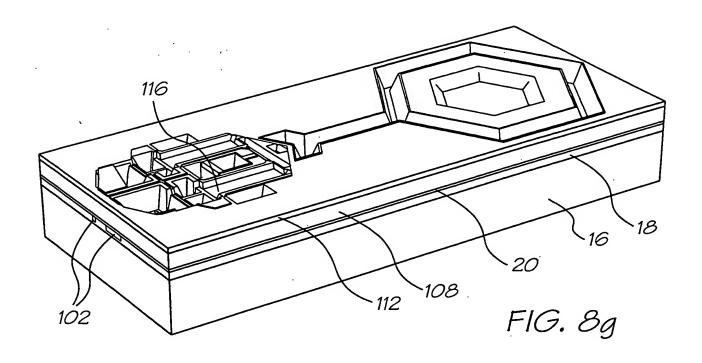
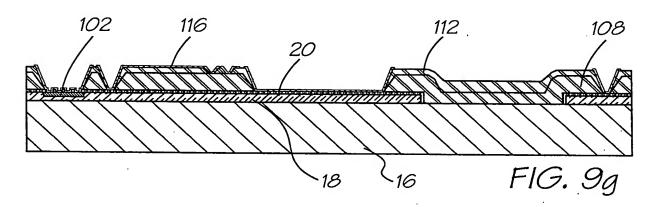


FIG. 10e









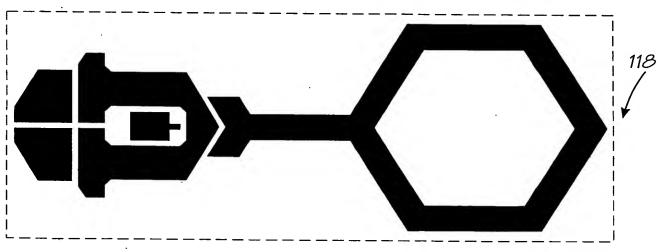
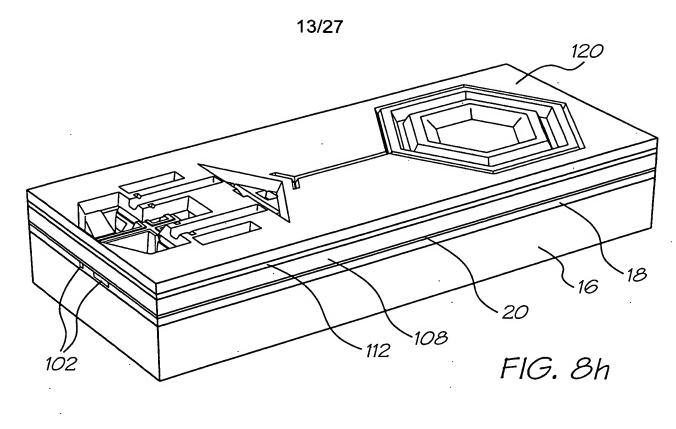
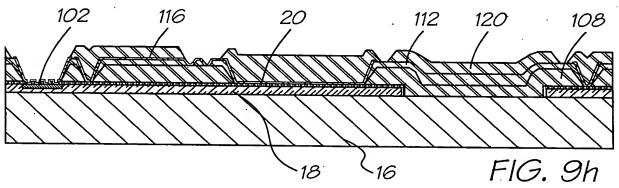


FIG. 10f





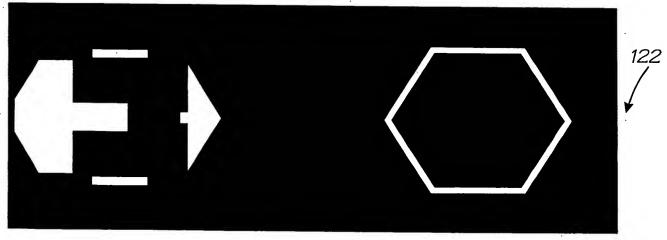
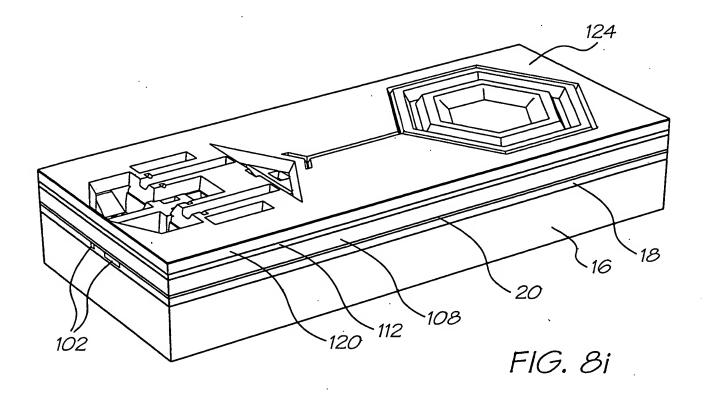
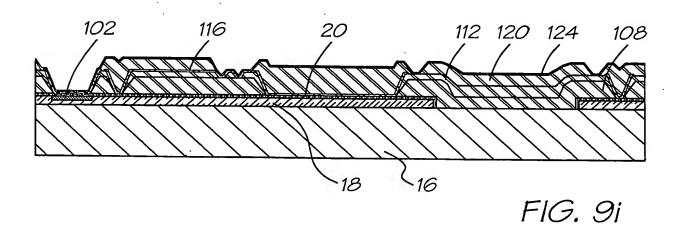
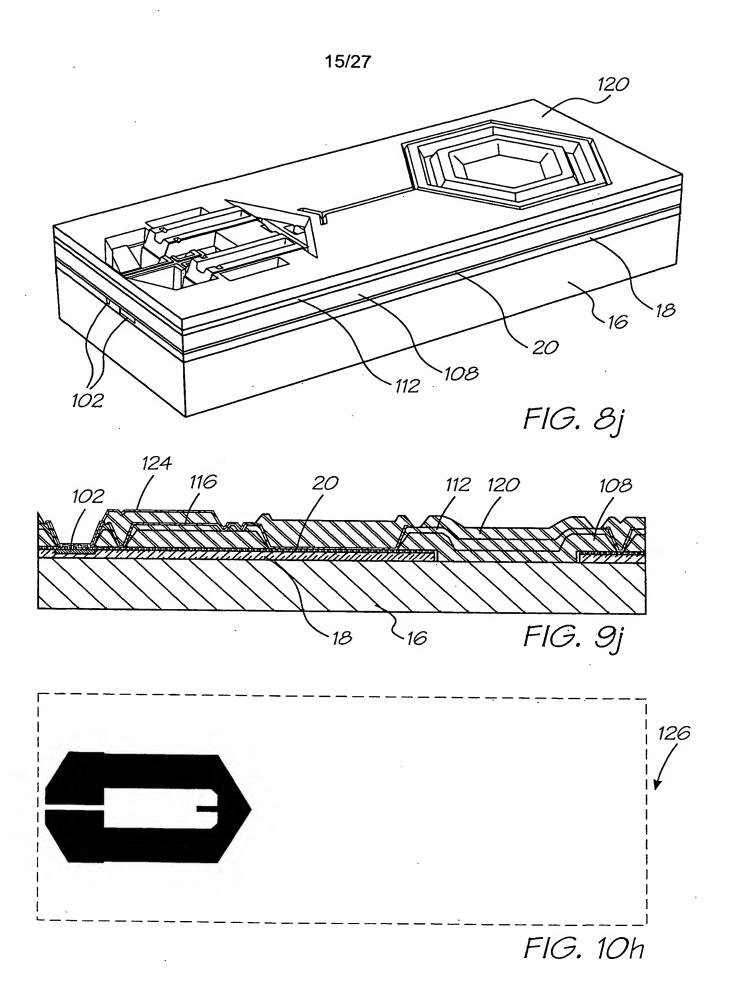
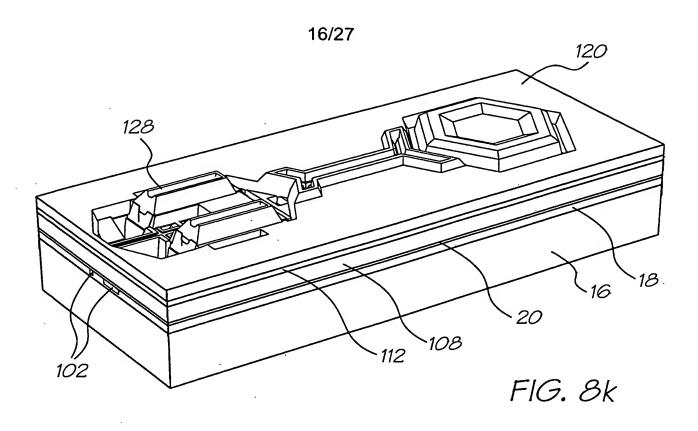


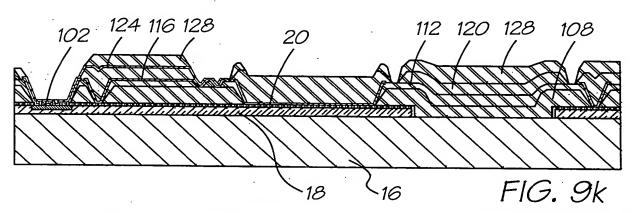
FIG. 10g











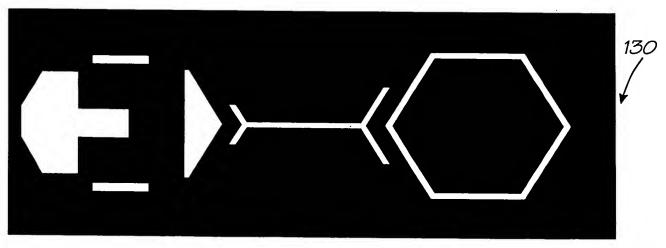
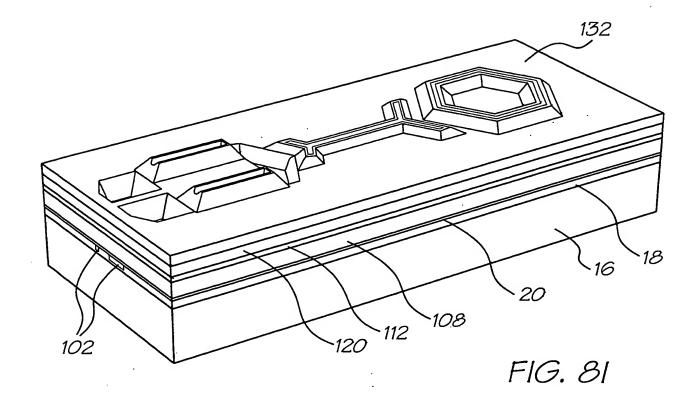
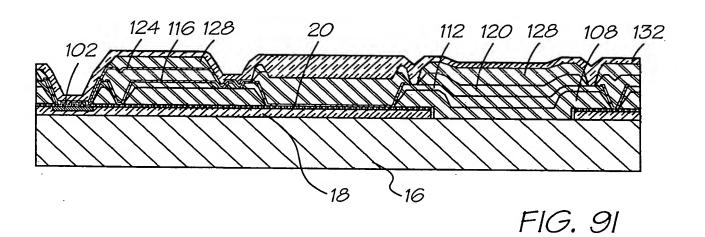


FIG. 10i





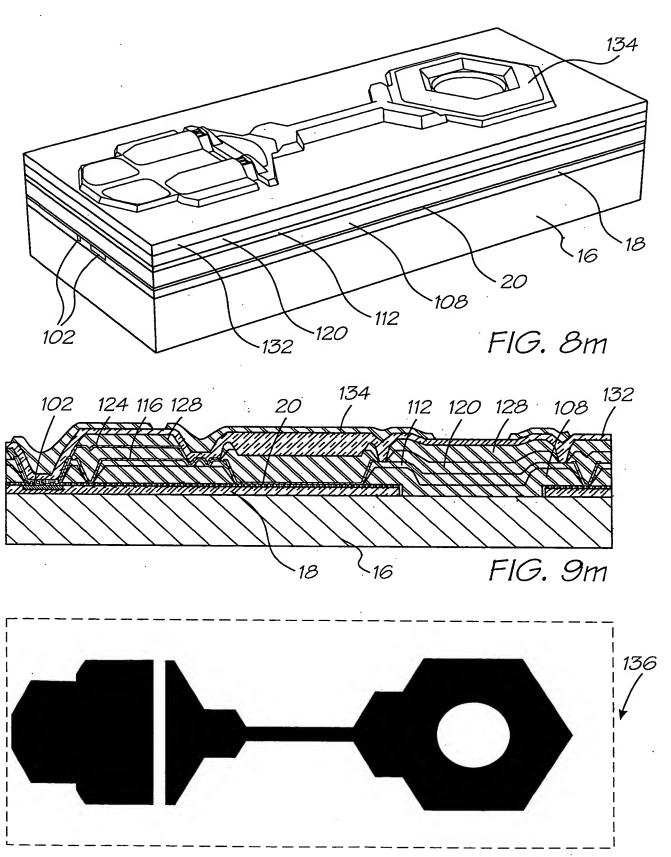
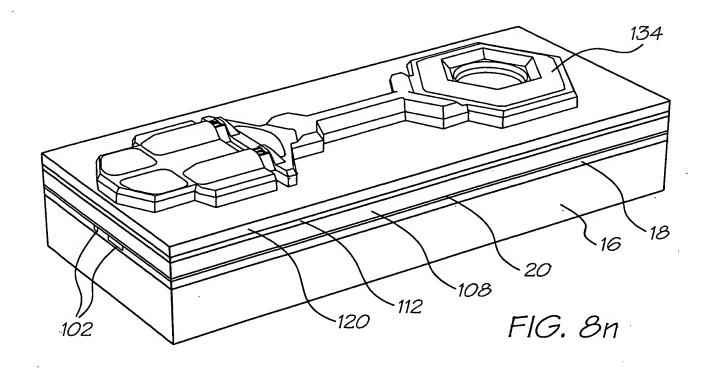


FIG. 10j



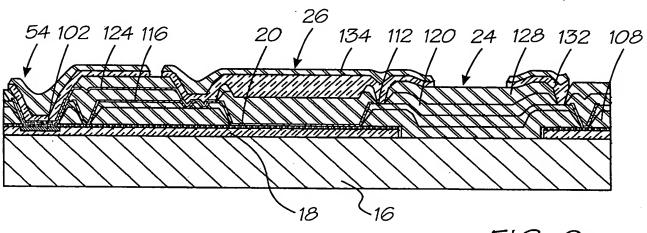
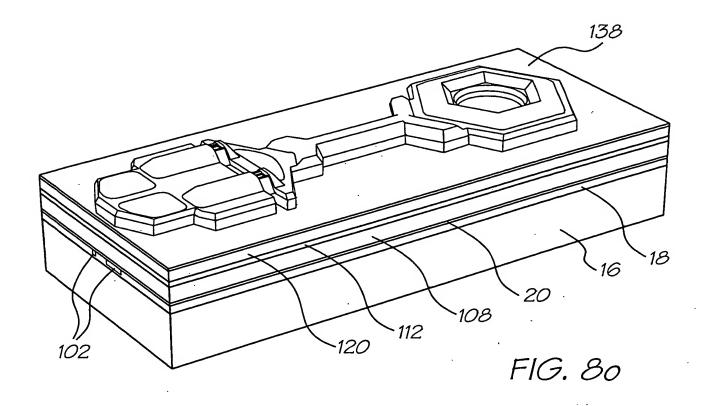
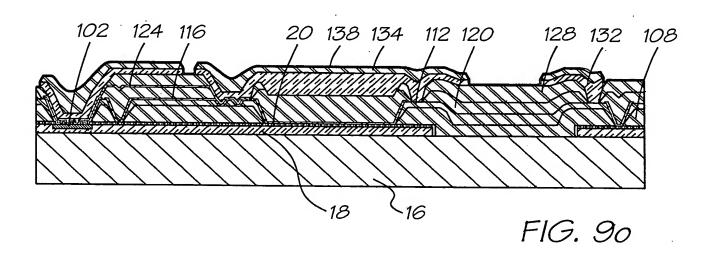
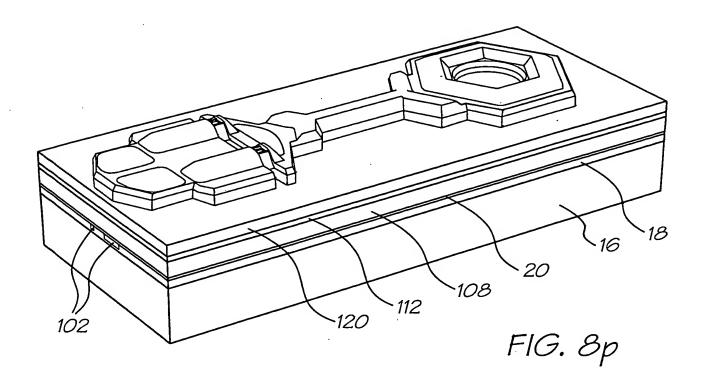
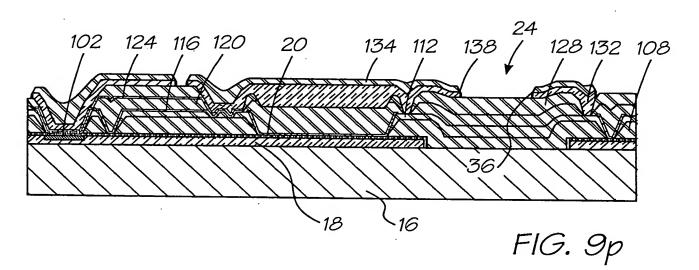


FIG. 9n









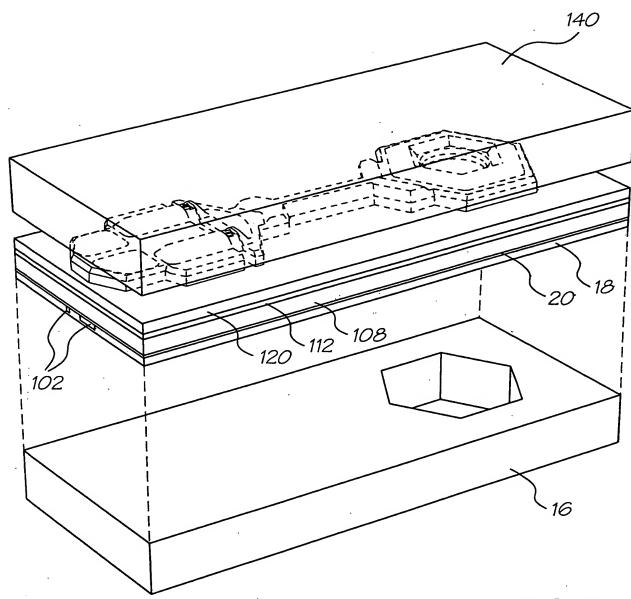
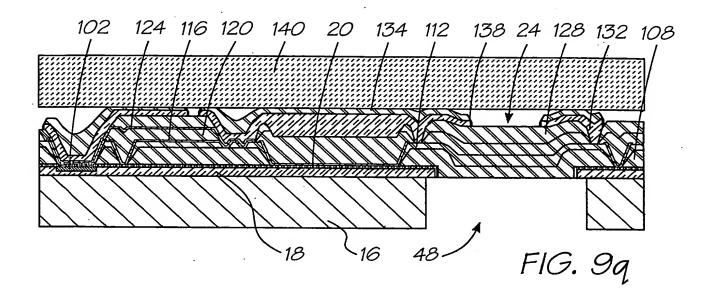


FIG. 8q



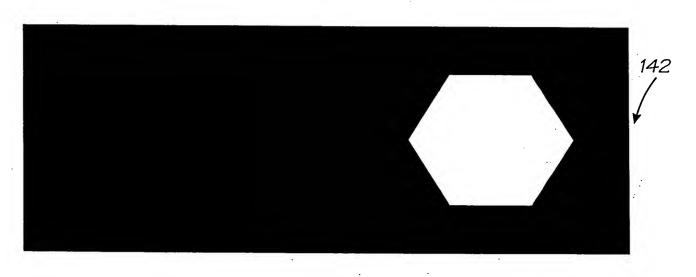
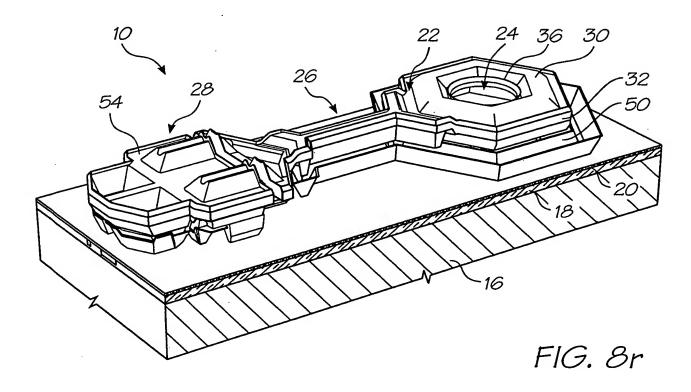


FIG. 10k



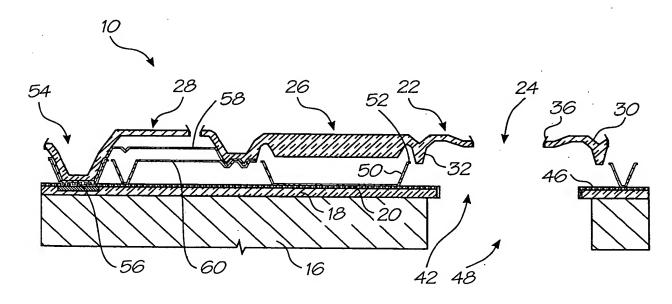
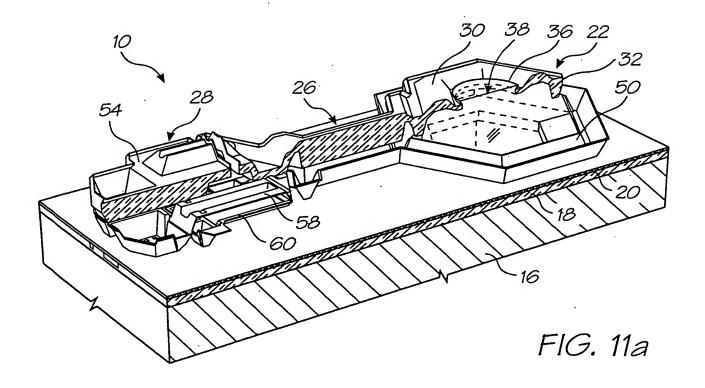


FIG. 9r



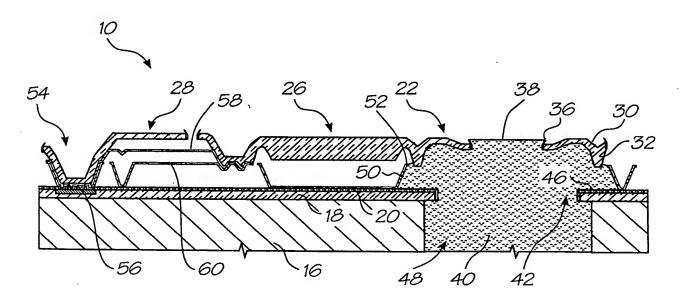
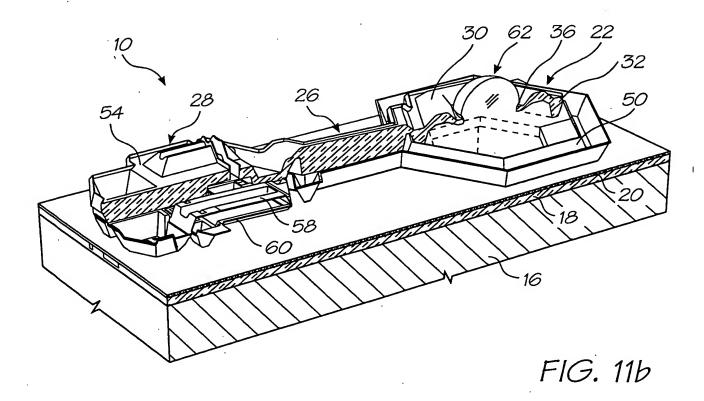


FIG. 12a



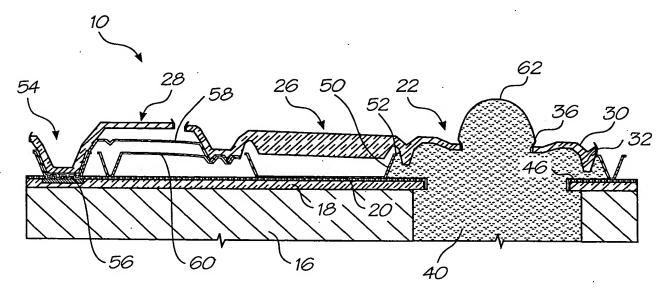
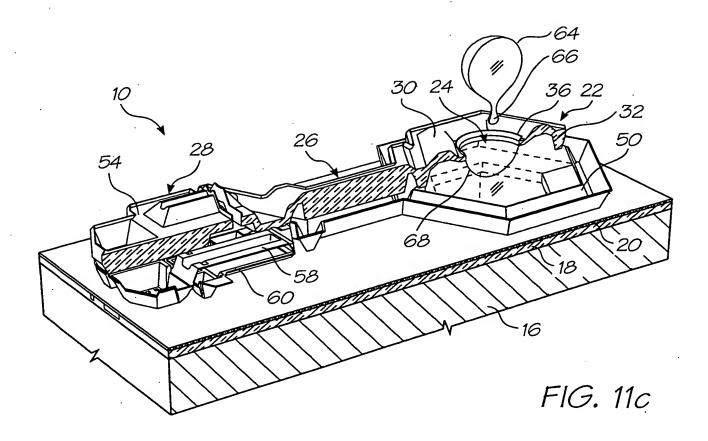


FIG. 12b



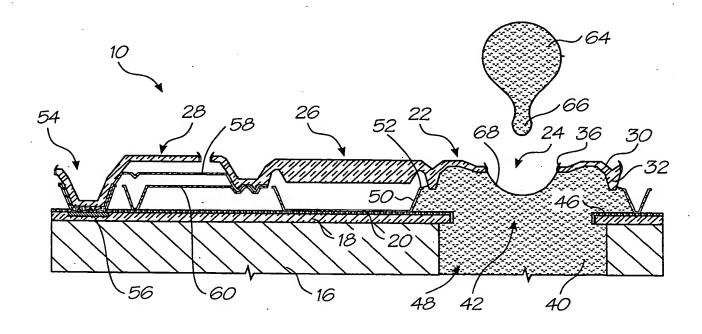


FIG. 12c